

CLAIMS

1. Open roof construction for a vehicle, comprising a roof opening provided in a stationary roof part, a closure means which is movable between a position for closing said roof opening and a position for opening said roof opening, and a sunshade means which is movable between a position overlapping said roof opening and a position freeing said roof opening, wherein the closure means comprises a number of separate closure panels positioned, in the closing position of the closure means, one behind the other in the longitudinal direction of the vehicle, whereas the sunshade means comprises a number of sunshade panels positioned, in the overlapping position of the sunshade means, one behind the other in the longitudinal direction of the vehicle, and wherein the closure panels as well as the sunshade panels assume a stacked position one on top of the other behind the roof opening when positioned in the opening and freeing position, respectively, characterized in that the closure panels and sunshade panels, respectively, define separate stacks one behind the other in the longitudinal direction of the vehicle.

20 2. Open roof construction according to claim 1, wherein the stack of stacked sunshade panels is positioned behind the stack of stacked closure panels.

25 3. Open roof construction according to claim 2, wherein in the stack of sunshade panels the rearmost sunshade panel is positioned at the top and the foremost sunshade panel is positioned at the bottom, with intermediate sunshade panels assuming corresponding positions in the stack.

30 4. Open roof construction according to claim 2 or 3, wherein in the stack of closure panels the rearmost closure panel is positioned at the bottom and the foremost closure panel is positioned at the top, with intermediate closure panels assuming corresponding positions in the stack.

35 5. Method for opening an open roof construction for a vehicle of the type comprising a roof opening provided in a stationary roof part, a closure means which is movable between

a position for closing said roof opening and a position for opening said roof opening, and a sunshade means which is movable between a position overlapping said roof opening and a position freeing said roof opening, wherein the closure means
5 comprises a number of separate closure panels positioned, in the closing position of the closure means, one behind the other in the longitudinal direction of the vehicle, whereas the sunshade means comprises a number of sunshade panels positioned, in the overlapping position of the sunshade means, one behind
10 the other in the longitudinal direction of the vehicle, wherein the closure panels as well as the sunshade panels are moved towards a stacked position one on top of the other behind the roof opening when being moved towards the opening and freeing position, respectively, characterized in that the closure panels and sunshade panels, respectively, are stacked in separate
15 stacks one behind the other in the longitudinal direction of the vehicle.

6. Method according to claim 5, wherein firstly the stack of stacked sunshade panels is formed and next, ahead of
20 said stack of sunshade panels, the stack of closure panels is formed.

7. Open roof construction according to claim 6,
wherein the sunshade panels are successively stacked from top
25 to bottom in such a way that the rearmost sunshade panel will be positioned at the top and the foremost sunshade panel will be positioned at the bottom.

8. Open roof construction according to claim 6 or 7,
wherein the closure panels are successively stacked from bottom
30 to top in such a way that the rearmost closure panel will be positioned at the bottom and the foremost closure panel will be positioned at the top.